L Number	Hits	Search Text	DB	Time stamp
1	3	3825750.pn.	USPAT;	2002/05/09 20:49
Ì			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
8	2	2005750	IBM_TDB	
0	2	3825750.uref.	USPAT; US-PGPUB;	2002/05/09 20:50
		·	EPO; JPO;	
			DERWENT;	
			IBM TDB	
15	16287	(force adj3 transmit\$5) and seal\$4	USPAT;	2002/05/09 20:51
			US-PGPUB;	
			EPO; JPO;	
:		<i>i</i>	DERWENT;	
22	775	72.450	IBM_TDB	0000 105 100 00 51
22	//5	73/52	USPAT;	2002/05/09 20:51
			US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM TDB	
29	5	((force adj3 transmit\$5) and seal\$4) and	USPAT;	2002/05/09 20:55
		73/52	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	_		IBM_TDB	
36	0	,	USPAT;	2002/05/09 20:57
		(detector or sensor or transducer or	US-PGPUB;	
		receiver) same seal\$4	EPO; JPO; DERWENT;	
			IBM TDB	
43	0	transmit\$6 near4 film near4 force adj3	USPAT;	2002/05/09 20:57
	-	(detector or sensor or transducer or	US-PGPUB;	2002, 00, 01
	!	receiver) with seal\$4	EPO; JPO;	
			DERWENT;	1
			IBM_TDB	
50	228	seal\$4 adj3 (detector or sensor or	USPAT;	2002/05/09 20:58
	!	transducer or receiver) same film	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
57	0	(seal\$4 adj3 (detector or sensor or	USPAT;	2002/05/09 20:59
		transducer or receiver) same film) and	US-PGPUB;	2002, 00, 01
		quill	EPO; JPO;	
			DERWENT;	,
			IBM_TDB	
64	35	(seal\$4 adj3 (detector or sensor or	USPAT;	2002/05/09 21:05
		transducer or receiver) same film) and bag	US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM TDB	
71	691650	acoustic\$4 or sonic\$4 or ultrasonic\$4 or	USPAT;	2002/05/09 21:12
		sound\$3 or ultrasound\$3 or supersonic\$4 or	US-PGPUB;	
		supersound\$3	EPO; JPO;	
			DERWENT;	
			IBM_TDB	0000/07/00 55 55
78	45		USPAT;	2002/05/09 21:12
		transducer or receiver) same film) and	US-PGPUB;	
		(acoustic\$4 or sonic\$4 or ultrasonic\$4 or sound\$3 or ultrasound\$3 or supersonic\$4 or	EPO; JPO; DERWENT;	
		supersound\$3)	IBM TDB	
85	24	((seal\$4 adj3 (detector or sensor or	USPAT;	2002/05/09 21:18
		transducer or receiver) same film) and	US-PGPUB;	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		(acoustic\$4 or sonic\$4 or ultrasonic\$4 or	EPO; JPO;	
		sound\$3 or ultrasound\$3 or supersonic\$4 or	DERWENT;	
		supersound\$3)) and force	IBM_TDB	
92	154059	73/\$.ccls.	USPAT;	2002/05/09 21:19
		,	US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM TDB	
		l	TDM I DD	L.,

99	44	(seal\$4 adj3 (detector or sensor or	USPAT;	2002/05/09 21:19
		transducer or receiver) same film) and	US-PGPUB;	
		73/\$.ccls.	EPO; JPO;	1
			DERWENT;	
			IBM TDB	1
106	3	((seal\$4 adj3 (detector or sensor or	USPAT;	2002/05/09 21:26
		transducer or receiver) same film) and	US-PGPUB;	
	1	73/\$.ccls.) and bag	EPO; JPO;	
1			DERWENT;	į į
			IBM TDB	
113	2	5596144.uref.	USPAT;	2002/05/09 21:26
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	

L Number	Hits	Search Text	DB	Time stamp
1	3	3825750.pn.	USPAT;	2002/05/09 20:49
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
8	2	3825750.uref.	IBM_TDB USPAT;	2002/05/00 20-50
	2	3023/30.ulel.	US-PGPUB;	2002/05/09 20:50
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
15	16287	(force adj3 transmit\$5) and seal\$4	USPAT;	2002/05/09 20:51
			US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
22	775	73/52	USPAT;	2002/05/09 20:51
	_		US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
00	_		IBM_TDB	2222/25/22 22 55
29	5	((force adj3 transmit\$5) and seal\$4) and 73/52	USPAT; US-PGPUB;	2002/05/09 20:55
		13/32	EPO; JPO;	
			DERWENT;	
			IBM TDB	
36	0	transmit\$6 near4 film near4 force adj3	USPĀT;	2002/05/09 20:57
		(detector or sensor or transducer or	US-PGPUB;	
		receiver) same seal\$4	EPO; JPO;	
			DERWENT; IBM TDB	
43	0	transmit\$6 near4 film near4 force adj3	USPAT;	2002/05/09 20:57
43	J	(detector or sensor or transducer or	US-PGPUB;	2002/03/03 20:3/
		receiver) with seal\$4	EPO; JPO;	
			DERWENT;	
			IBM_TDB	0000/05/00 00 50
50	228	seal\$4 adj3 (detector or sensor or	USPAT;	2002/05/09 20:58
		transducer or receiver) same film	US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM TDB	
57	0	(seal\$4 adj3 (detector or sensor or	USPĀT;	2002/05/09 20:59
		transducer or receiver) same film) and	US-PGPUB;	
		quill	EPO; JPO;	
			DERWENT;	
64	35	(seal\$4 adj3 (detector or sensor or	USPAT;	2002/05/09 21:05
"	55	transducer or receiver) same film) and bag	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	2002/05/00 21:12
71	691650	acoustic\$4 or sonic\$4 or ultrasonic\$4 or sound\$3 or ultrasound\$3 or supersonic\$4 or	USPAT; US-PGPUB;	2002/05/09 21:12
		sound\$3 or ultrasound\$3 or supersonic\$4 or supersound\$3	EPO; JPO;	
		Juporsoundys	DERWENT;	
			IBM TDB	
78	45	(seal\$4 adj3 (detector or sensor or	USPAT;	2002/05/09 21:12
		transducer or receiver) same film) and	US-PGPUB;	
		(acoustic\$4 or sonic\$4 or ultrasonic\$4 or	EPO; JPO;	
		sound\$3 or ultrasound\$3 or supersonic\$4 or	DERWENT; IBM TDB	
85	24	supersound\$3) ((seal\$4 adj3 (detector or sensor or	USPAT;	2002/05/09 21:18
	24	transducer or receiver) same film) and	US-PGPUB;	
		(acoustic\$4 or sonic\$4 or ultrasonic\$4 or	EPO; JPO;	
		sound\$3 or ultrasound\$3 or supersonic\$4 or	DERWENT;	
		supersound\$3)) and force	IBM_TDB	0000/05/00 55 55
92	154059	73/\$.ccls.	USPAT;	2002/05/09 21:19
			US-PGPUB;	
		·	EPO; JPO; DERWENT;	
1			IBM TDB	
L	! <u> </u>	<u> </u>	1 2011 100	<u> </u>

106					
106 3 (Seal\$4 adj3 (detector or sensor or transducer or receiver) same film) and 105-RGPUB; EPO, JPO, DERMENT; IBM TOB 105-RGPUB; 10	99	44	, , , , , , , , , , , , , , , , , , , ,	USPAT;	2002/05/09 21:19
106 3					
106 3 ((seal\$4 adj3 (detector or sensor or transducer or receiver) same film) and 73/s.ccls.) and bag 2002/05/09 21:26 2002/05/09 21:27 2002/05/09 21:27 2002/05/09 21:27 2002/05/09 21:30			73/\$.ccls.	EPO; JPO;	!
106 3 ((seal\$4 adj3 (detector or sensor or transducer or receiver) same film) and part Seal\$4 adj3 (detector or sensor or transducer) adj force adj3 quill) Seal\$4 adj3 (detector or sensor or transducer) adj force add quill near4 film same bag Seal\$4 adj3 (detector or sensor or transducer) adj force and quill near4 film same bag Seal\$4 adj3 (detector or sensor or transducer) adj force and quill near4 film same bag Seal\$4 adj3 (detector or sensor or transducer) adj force and quill near4 film same bag Seal\$4 adj3 (detector or sensor or transducer) adj force and quill near4 film same bag Seal\$4 adj3 (detector or sensor or transducer) adj force and quill same bag Seal\$4 adj3 (detector or sensor or transducer) adj force and quill same bag Seal\$4 adj3 (detector or sensor or transducer) adj force and quill same bag Seal\$4 adj3 (detector or sensor or transducer) adj force and quill same bag Seal\$4 adj3 (detector or sensor or transducer) adj force and quill same bag Seal\$4 adj3 (detector or sensor or transducer) adj force and quill same bag Seal\$4 adj3 (detector or sensor or transducer) adj force and quill same bag Seal\$4 adj3 (detector or sensor or transducer) adj force and quill same bag Seal\$4 adj3 (detector or sensor or transducer) adj force and quill same bag Seal\$4 adj3 (detector or sensor or transducer) adj force and quill same bag Seal\$4 adj3 (detector or sensor or transducer) adj force and quill same bag Seal\$4 adj3 (detector or sensor or transducer) adj force and quill same bag Seal\$4 adj3 (detector or sensor or transducer) adj force and quill same bag Seal\$4 adj3 (detector or sensor or transducer) adj force and quill same bag Seal\$4 adj3 (detector or sensor or transducer) adj force and quill same bag Seal\$4 adj3 (detector or sensor or transducer) adj force and quill same bag Seal\$4 adj3 (detector or sensor or transducer) adj force and quill same bag Seal\$4 adj3 (detector or sensor or detector or sensor or detector or sensor or detector or sensor or detector				DERWENT;	
13				IBM TDB	
133 2 5596144.uref. 2596144.uref. 25	106	3	((seal\$4 adj3 (detector or sensor or	USPAT;	2002/05/09 21:26
133 2 5596144.uref. EFO; JPO; DERWENT; IBM TDB USPAT; US-FGFUB; EFO; JPO; DERWENT; IBM TDB USPAT; US-F			transducer or receiver) same film) and	US-PGPUB;	
113 2 5596144.uref. DERWENT; IBM TDB USPAT; US-FGFUB; EFG, JPG; DERWENT; IBM TDB USPAT; US-GFUB; EFG; JPG; DERWENT;			73/\$.ccls.) and bag		
120 92 force adj3 quill			_		
120 92 force adj3 quil1	ļ			IBM TDB	
120 92 force adj3 quill	113	2	5596144.uref.	USPAT;	2002/05/09 21:26
120 92 force adj3 quill SEPO, JPO; DERMENT; IEM TDB USFAT; US-PGEUB; EPO, JPO; DERMENT; IEM TDB USFAT;	}			US-PGPUB;	
120 92 force adj3 quill					
120 92 force adj3 quil1 USFAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT				DERWENT;	
127 0 (seal\$4 adj3 (detector or sensor or transducer or receiver) same film) and (force adj3 quil1) 2002/05/09 21:29 2002/05/09 21:29 2002/05/09 21:29 2002/05/09 21:29 2002/05/09 21:29 2002/05/09 21:29 2002/05/09 21:29 2002/05/09 21:29 2002/05/09 21:29 2002/05/09 21:29 2002/05/09 21:30				IBM TDB	
127 0	120	92	force adj3 quill	USPAT;	2002/05/09 21:29
127 0 (seal\$4 adj3 (detector or sensor or transducer or receiver) same film) and (force adj3 quill) USPAT; US-PGPUB; EPO; JPO; DEWEMT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DEWEMT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWEMT; US-PGPUB; EPO; JPO; DERWEMT; USPAT; US-PGPUB; EPO; JPO; DERWEMT; USPAT; US				US-PGPUB;	
127 0 (seal\$4 adj3 (detector or sensor or transducer or receiver) same film) and (force adj3 quil1) (force adj3 transmit\$5) (force adj3 transmit\$6) (force adj3 transmit\$7) (force adj3 transmit				EPO; JPO;	
127				DERWENT;	
134 10 10 10 10 10 10 10 1				IBM TDB	ļ
(force adj3 quil1)	127	0	(seal\$4 adj3 (detector or sensor or		2002/05/09 21:29
134 7 (acoustic\$4 or sonic\$4 or ultrasonic\$4 or sound\$3 or ultrasond\$3 or supersonic\$4 or supersonid\$3 or supersonic\$4 or supersonid\$3 or supersonic\$4 or supersonid\$3) and (force adj3 quil1) SPAT; US-PGPUB; EPG; JPG; DERWENT; IBM TDB USPAT; US-PGPUB; EPG; JPG; DERWENT; US-			ı ,	US-PGPUB;	
TBM TDB			(force adj3 quill)	EPO; JPO;	
134 7 (acoustic\$4 or sonic\$4 or supersonic\$4 or sound\$3 quill) and bag				DERWENT;	
Sound\$3 or ultrasound\$3 or supersonic\$4 or supersound\$3) and (force adj3 quil1) SPGPUB; EPO, JPC; DERWENT; TBM TDB USPĀT; US-PGPUB; EPO, JPC; DERWENT; US-PGPUB; EPO, JPC; DERW				IBM TDB	i
Supersound\$3) and (force adj3 quill) EPO; JPO; DERWENT; IEM TDB USPĀT; USPGPUB; EPO; JPO; DERWENT; IEM TDB USPĀT; IEM TDB USPĀT USPĀT USPĀT USPĀT USPĀT USPĀT USPĀT USPĀT	134	7	(acoustic\$4 or sonic\$4 or ultrasonic\$4 or	USPĀT;	2002/05/09 21:30
141 0 (force adj3 quill) and bag				US-PGPUB;	
141 0 (force adj3 quill) and bag IBM_TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; ISM_TDB USPĀT; USPĀT; US-			supersound\$3) and (force adj3 quill)	EPO; JPO;	
141			·	DERWENT;	
148 10 (force adj3 quill) and film US-PGPUB; EPO; JPO; DERWENT; IBM TDB US-RGPUB; EPO; JPO; DERWENT; IBM TDB US-RGPUB; EPO; JPO; DERWENT; IBM TDB US-RAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB US-RAT; US-				IBM TDB	
10 (force adj3 quill) and film EPO; JPO; DERMENT; IBM TDB USPAT; US-FGPUB; EPO; JPO; DERMENT;	141	0	(force adj3 quill) and bag	USPAT;	2002/05/09 21:30
DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EFO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EFO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USP				US-PGPUB;	
10 (force adj3 quill) and film IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; USPGPUB; EPO; JPO; DERWENT; USPGPUB; EPO				EPO; JPO;	
10 (force adj3 quill) and film SPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; EPO; JPO; DE				DERWENT;	
10 (force adj3 quill) and film SPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; EPO; JPO; DE				IBM TDB	
155 0	148	10	(force adj3 quill) and film		2002/05/09 21:31
DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; EPO;				US-PGPUB;	
155 0 ((force adj3 transmit\$5) and seal\$4) and quill near4 film UsPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US				EPO; JPO;	
155 0 ((force adj3 transmit\$5) and seal\$4) and quill near4 film 162 4 (acoustic\$4 or sonic\$4 or ultrasonic\$4 or sound\$3 or ultrasound\$3 or supersonic\$4 or supersound\$3) and quill near4 film 169 0 (transmitter or transducer) adj force and quill near4 film same bag 176 19 (transmitter or transducer) adj force and quill 176 19 (transmitter or transducer) adj force and quill 176 19 (transmitter or transducer) adj force and quill 176 19 (transmitter or transducer) adj force and quill 176 19 (transmitter or transducer) adj force and quill 176 19 (transmitter or transducer) adj force and quill 176 19 (transmitter or transducer) adj force and quill 177 (USPAT; USPGPUB; EPO; JPO; DERWENT; USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;				DERWENT;	
quill near4 film				IBM TDB	
162 4 (acoustic\$4 or sonic\$4 or ultrasonic\$4 or sound\$3 or ultrasound\$3 or supersonic\$4 or supersound\$3) and quill near4 film USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	155	0	((force adj3 transmit\$5) and seal\$4) and	USPAT;	2002/05/09 21:32
4 (acoustic\$4 or sonic\$4 or ultrasonic\$4 or uspersonic\$4 or sound\$3 or ultrasound\$3 or supersonic\$4 or uspersonic\$4 or usperso			quill near4 film	US-PGPUB;	
4 (acoustic\$4 or sonic\$4 or ultrasonic\$4 or sonic\$4 or sound\$3 or supersonic\$4 or supersonic\$4 or supersonic\$4 or supersonic\$4 or supersonic\$4 or supersonid\$3) and quill near4 film 169 0 (transmitter or transducer) adj force and quill near4 film same bag 176 19 (transmitter or transducer) adj force and quill 183 0 (transmitter or transducer) adj force and quill same bag 0 (transmitter or transducer) adj force and quill same bag 183 0 (transmitter or transducer) adj force and quill same bag 184 185 185 186 186 186 186 187 186 187 188 189 180 180 180 180 180 180					
4 (acoustic\$4 or sonic\$4 or ultrasonic\$4 or sound\$3 or ultrasound\$3 or supersonic\$4 or supersound\$3) and quill near4 film 169 0 (transmitter or transducer) adj force and quill near4 film same bag 176 19 (transmitter or transducer) adj force and quill 19 (transmitter or transducer) adj force and quill 10 (transmitter or transducer) adj force and quill 183 0 (transmitter or transducer) adj force and quill same bag 184 185 185 186 187 187 188 189 180 180 180 180 180 180				DERWENT;	
sound\$3 or ultrasound\$3 or supersonic\$4 or supersound\$3) and quill near4 film 169 0 (transmitter or transducer) adj force and quill near4 film same bag 176 19 (transmitter or transducer) adj force and quill 19 (transmitter or transducer) adj force and quill 183 0 (transmitter or transducer) adj force and quill same bag 184 185 186 187 187 188 188 189 189 180 180 180 180					
supersound\$3) and quill near4 film (transmitter or transducer) adj force and quill near4 film ame bag (transmitter or transducer) adj force and quill near4 film same bag (transmitter or transducer) adj force and quill (transmitter or transducer) adj force and quill (transmitter or transducer) adj force and quill (transmitter or transducer) adj force and quill same bag (transmitter or transducer) adj force and quill same bag (transmitter or transducer) adj force and quill same bag (transmitter or transducer) adj force and quill same bag (transmitter or transducer) adj force and quill same bag (transmitter or transducer) adj force and quill same bag	162	4			2002/05/09 21:33
DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;					
169 0 (transmitter or transducer) adj force and quill near4 film same bag 176 19 (transmitter or transducer) adj force and quill 183 0 (transmitter or transducer) adj force and quill same bag 184 185 186 187 188 188 189 180 180 180 180 180			supersound\$3) and quill near4 film		
169 0 (transmitter or transducer) adj force and quill near4 film same bag 176 19 (transmitter or transducer) adj force and quill 183 0 (transmitter or transducer) adj force and quill same bag 184 185 186 187 187 188 188 189 180 180 180 180 180					
quill near4 film same bag quill near4 film same bag US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;				_	
176 19 (transmitter or transducer) adj force and quill 19 (transmitter or transducer) adj force and quill 183 0 (transmitter or transducer) adj force and quill same bag 184 185 186 EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;	169	0			2002/05/09 21:34
176 19 (transmitter or transducer) adj force and quill 183 0 (transmitter or transducer) adj force and quill same bag 184 185 186 187 187 188 189 180 180 180 180 180 180		[quill near4 film same bag		
176 19 (transmitter or transducer) adj force and quill 183 0 (transmitter or transducer) adj force and quill same bag 184 185 186 187 188 188 189 180 180 180 180 180					
176 19 (transmitter or transducer) adj force and quill 183 0 (transmitter or transducer) adj force and quill same bag 184 185 186 187 187 188 188 189 180 180 180 180 180	1				
quill (transmitter or transducer) adj force and quill same bag (transmitter or transducer) adj force and quill same bag US-PGPUB; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;					
EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;	176	19	(transmitter or transducer) adj force and		2002/05/09 21:37
183 O (transmitter or transducer) adj force and quill same bag O (transmitter or transducer) adj force and quill same bag DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;			quill		
183 0 (transmitter or transducer) adj force and quill same bag IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;					
183 0 (transmitter or transducer) adj force and USPAT; US-PGPUB; EPO; JPO; DERWENT; 2002/05/09 21:37] [•	
quill same bag US-PGPUB; EPO; JPO; DERWENT;		[
EPO; JPO; DERWENT;	183	0			2002/05/09 21:37
DERWENT;		ļ l	quill same bag		
IBM_TDB					
	L			IBM_TDB	